

## Cumulative contents of Volume 60

### Volume 60, No. 1, July 1997

#### Papers

J.-P. Thiran, V. Warscotte and B. Macq A queue-based region growing algorithm for accurate segmentation of multi-dimensional digital images. ....	1
M. Accame and F.G.B. De Natale Edge detection by point classification of Canny filtered images. ....	11
J.-P. Leduc Spatio-temporal wavelet transforms for digital signal analysis. ....	23
J.W. Odendaal, E. Barnard and C.W.I. Pistorius On the asymmetry in the PSD for 2-D linear prediction. ....	43
G. Franceschetti, A. Iodice and M. Tesauo From image processing to feature processing. ....	51
A. Swami, G.B. Giannakis and G. Zhou Bibliography on higher-order statistics. ....	65
S.S. Kidambi Computationally efficient weighted least-squares design of FIR filters satisfying prescribed magnitude and phase specifications	127
<b>Calls for papers</b> .....	131

### Volume 60, No. 2, July 1997

#### Papers

S. Mukhopadhyay and P. Sircar Parametric modelling of non-stationary signals: A unified approach. ....	135
P.J. Loughlin and B. Tacer Instantaneous frequency and the conditional mean frequency of a signal. ....	153
C. Richard and R. Lengellé Joint recursive implementation of time–frequency representations and their modified version by the reassignment method	163
T. Shimamura, S. Semnani and C.F.N. Cowan Equalisation of time-variant communications channels via channel estimation based approaches. ....	181
J. Choi Beamforming for the multiuser detection with decorrelator in synchronous CDMA systems: Approaches and performance analysis. ....	195
M.B. El Mashade Performance analysis of the excision CFAR detection techniques with contaminated reference channels. ....	213
H.-C. Lin, L.-L. Wang and S.-N. Yang Fast heuristics for polygonal approximation of a 2D shape boundary. ....	235

J. Flusser and T. Suk	
Classification of degraded signals by the method of invariants .....	243
<b>Fast communications</b>	
A.B. Gershman, J. Ringelstein and J.F. Böhme	
Removing the outliers in root-MUSIC via conventional beamformer .....	251
J. Bae, I. Song, H. Morikawa and T. Aoyama	
Nonparametric detection of known signals based on ranks in multiplicative noise .....	255

### Volume 60, No. 3, August 1997

#### Papers

Y.-C. Lin and C.-C. Jay Kuo	
Classification of quadrature amplitude modulated (QAM) signals via sequential probability ratio test (SPRT) .....	263
H. Deliç	
Convergence rates for decentralized consistent location parameter estimation in the presence of Gaussian outliers .....	281
M.J. Grimble	
$H_\infty$ inferential filtering, prediction and smoothing problems .....	289
P.-Y. Yin and L.-H. Chen	
A fast iterative scheme for multilevel thresholding methods .....	305
A. Makur and V.L. Narayana Murthy	
Design of two-dimensional directional filters .....	315
V.S. Kedia and B. Chanda	
A new algorithm for 2-D DOA estimation .....	325
T.-H. Yu and J.-H. Chen	
A pair of nonlinear operators and their applications in predictive image coding .....	333
M. Shadaydeh, Y. Xiao and Y. Tadokoro	
Identification of nonminimum phase FIR systems via fourth-order cumulants and genetic algorithm .....	339
<b>Author index of Volume 60</b> .....	349
<b>Cumulative contents of Volume 60</b> .....	351

